

REMARKS

Reconsideration of the Office Action of July 20, 2007 is respectfully requested. Enclosed with this Amendment is a two-month Petition for Extension of Time together with the requisite fee.

Further enclosed with this Amendment is an Information Disclosure Statement with \$180.00 surcharge fee.

In the present Amendment a few typographical errors in the specification have been corrected.

In the present Amendment independent claims 1 and 6 have been amended as described below. In addition, dependent claim 3 has been amended to conform the language of claim 3 with the changes made in claim 1. A minor typographical error noted in claim 4 has been corrected. In addition, new dependent claims 7-12 have been added with claims 7, 8, 10 and 11 being similar in many respects to dependent claims 2, 3, 4 and 5. New dependent claims 9 and 12 further define the head mounting frame and shower head main body with support being found, for example, in paragraph 24 of the original application. Support for the amendments made in claims 1 and 6 can be found, for example, in paragraphs 24 to 26 and Figs. 3 and 4 of the original application. Accordingly, no new matter is submitted to have been introduced with the present amendments.

In the Office Action, the claims were rejected as summarized below.

IDENTIFICATION/ CLAIM NOS.		STATUTORY GROUNDS	REFERENCE(S)
<i>A</i>	1, 5-6	35 U.S.C. 102(b)	Kuwada et al. (U.S. 2002/0029748)
<i>B</i>	2	35 U.S.C. 103(a)	Kuwada et al. in view of Hytros et al. (U.S. 2003/0132319)
<i>C</i>	3	35 U.S.C. 103(a)	Kuwada et al. in view of Metzner et al. (U.S. 2002/0192370)
<i>D</i>	4	35 U.S.C. 103(a)	Kuwada et al. in view of Fujikawa et al. (U.S. '606)

Relative to the prior art rejections set out above, it is respectfully submitted that the current independent claims 1 and 6 are patentably distinguishable from each of the above-noted references, whether taken alone or in combination. For example, with respect to Kuwada (U.S. Publication 2002/0029748A1), the whole upper portion of the side wall (98) of the shower head main body is inserted into a large through-hole (the large opening 74) formed in the head mounting frame (the ceiling portion of the process chamber). On the contrary, in current claims 1 and 6 the projection, which is a part of the upper end portion of the side wall, is inserted into the head mounting frame. At least in the above respect, the claimed inventions of claims 1 and 3 are different from Kuwada. Further, in the rejection of original claim 3, there was acknowledged that Kuwada failed to teach a plurality of through-holes in the head-mounting frame. It was further indicated that:

“Metzner, disclosing a deposition reactor, teaches a showerhead (240) inserted into multiple through-holes via fasteners (242) formed in a head-mounting frame (205); the fasteners, and thus the through-holes, are arranged at annular intervals in a circumferential direction.”

The referenced portion of Metzner (e.g., circular flange ringed showerhead 240) is respectfully submitted not to described or suggest in any fashion the claimed shower head main body with sidewall projection and that projection's relationship with the head mounting frame as described in claims 1 and 6. In other words, Metzner et al. (U.S. Publication 2002/0192370A1) fails to remedy the deficiencies noted above with respect to Kuwada. Applicants thus respectfully submit that current claims 1 and 6 and their dependents stand in condition for allowance.

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Accordingly, it is respectfully submitted that the application stands in condition for allowance and favorable reconsideration is earnestly solicited.

If any fees are due in connection with the filing of this Amendment, such as fees under 37 C.F.R. §§1.16 or 1.17, please charge the fees to Deposit Account 02-4300; Order No. 033082R337.

Respectfully submitted,

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